



STATE OF MICHIGAN
DEPARTMENT OF EDUCATION
LANSING




JENNIFER M. GRANHOLM
GOVERNOR

MICHAEL P. FLANAGAN
SUPERINTENDENT OF
PUBLIC INSTRUCTION

February 27, 2006

MEMORANDUM

TO: State Board of Education

FROM: Michael Flanagan, Chairman 

SUBJECT: Approval of Criteria for the 2005-06 Enhancing Education Through Technology – Category III – Comprehensive K-12 Data Management and Student Data Tracking System

The state of Michigan was awarded \$7,553,458 in Title II, Part D, of the No Child Left Behind (NCLB) Act of 2001, Enhancing Education Through Technology (Ed Tech) funds for distribution as competitive grants. The Michigan Legislature has directed the funds be given out to support various programs, resulting in several competitive grant programs. Attached are the criteria for a grant which will provide educators with longitudinal data and reports about student performance and other factors in a timely fashion. The criteria also include provisions to provide professional learning to use data appropriately. The Center for Educational Performance and Information (CEPI) was legislatively designated to be a partner with the applicant that is awarded the grant.

The primary goal of the Ed Tech Program is to improve student academic achievement through the use of technology in schools. It is also designed to provide assistance to states and localities for the implementation and support of a comprehensive system that effectively uses technology in elementary schools and secondary schools to improve student academic achievement.

Section 94a of Public Act 155 of 2005 (the State School Aid Act) specifies that \$1,500,000 of the Title II, Part D, Enhancing Education Through Technology funds be used to support the development and implementation of a comprehensive K-12 data management and student tracking system. CEPI will work with MDE to coordinate a grant competition to accomplish the assigned tasks in accordance with federal educational technology guidance.

One of the visions of the Embracing the Information Age Task Force is the “use of sophisticated data to effectively monitor and manage educational performance and human and financial resources.” Another is the “development of innovative tools and services that expand and improve communication and collaboration between

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and among educators, parents, students, and communities, and help guide decision-making, instruction, assessment, and education choice.” Using these goals in concert with federal Title II, Part D guidance, and the proposed state educational technology plan, the Michigan Department of Education will design a grant program in coordination with CEPI that will focus on the development and implementation of a comprehensive K-12 data management and student tracking system.

It is recommended that the State Board of Education approve the criteria for the 2005-06 Enhancing Education Through Technology – Category III – Comprehensive K-12 Data Management and Student Data Tracking System grant program as attached to the Superintendent’s memorandum, dated February 27, 2006.

MICHIGAN
STATE BOARD OF EDUCATION

Criteria for the 2005-06 Enhancing Education Through Technology – Category III –
Comprehensive K-12 Data Management and Student Data Tracking System

The State Board of Education has adopted as its Strategic Goal "Attain substantial and meaningful improvement in academic achievement for all students/children with primary emphasis on high priority schools and students." In addition, the State Board has adopted the following five Strategic Initiatives to implement the goal:

Ensuring Excellent Educators
Elevating Educational Leadership
Embracing the Information Age

Ensuring Early Childhood Literacy
Integrating Communities and Schools

To the extent possible, all grant criteria and grant awards will include priority consideration of the Strategic Goal and the Strategic Initiatives.

BACKGROUND/PURPOSE OF GRANT

X Competitive ☐ Formula X New Continuation (check all that apply)

The primary goal of the Enhancing Education Through Technology program is to improve student academic achievement through the use of technology in schools. The intent of the federal program is to enable districts with a high rate of census poverty and with at least one building falling into a Title I category of improvement or corrective action to increase student achievement through the appropriate use of available technology. A major purpose of the Title II, Part D, Enhancing Education Through Technology grant program is to provide assistance to states and localities for the implementation and support of a comprehensive system that effectively uses technology in elementary and secondary schools to improve student academic achievement. Providing educators with longitudinal data and reports about student performance and other factors in a timely fashion, and the professional learning to use data appropriately will be the key to ensuring that students receive the instruction and services they need to be successful in the school environment.

LEGISLATION

On January 8, 2002, President Bush signed into law the No Child Left Behind (NCLB) Act of 2001 (P.L. 107-110). A component of the NCLB legislation established the Enhancing Education Through Technology (Ed Tech) program, Title II, Part D. The Michigan Legislature further directed funds to be used in support of requirements outlined in Section 94a of Public Act 155 of 2005 (the State School Aid Act).

RATIONALE FOR CRITERIA

As a result of the work done by the Embracing the Information Age Task Force, the State Board of Education approved several visions and policy recommendations dealing with the use of technology to improve teaching and learning. Visions included: *"Use of sophisticated data to effectively monitor and manage educational performance and human and financial resources. Innovative tools and services that expand and improve communication and collaboration between and among educators, parents, students, and communities and help guide decision-making, instruction, assessment, and educational choice."* The proposed State of Michigan Educational Technology Plan, "Leading Educational Transformation for Today's Global Society, March, 2006" features "Data Driven Decisions" as a major objective: *Every Michigan educator will use data effectively for classroom decision making and school improvement planning through an integrated local and statewide decision support system.*

CRITERIA

X Defined in Legislation

Defined in Department's Grant

Proposed by Staff

Successful applicants must:

- Have demonstrated prior success in the following:
 - Focusing on data and its use in making informed decisions in daily and strategic operations.
 - Providing professional development activities for educators on using data to make decisions.
 - Developing information technology software solutions and reports using data.
 - Implementing a decision support system/warehousing solution.
- Work with the Center for Educational Performance and Information (CEPI) and other state agencies to develop a prototype Decision Support System (DSS) to identify, connect, and combine educational data elements in meaningful ways across various sources (e.g., personnel, financial, crime and safety, schools/facilities, and student data including assessment information and results) and longitudinally over time so that administrators and educators have the information they need to increase efficiency and improve student learning.
- Work with CEPI and the Michigan Department of Education (MDE) to identify, develop, and test the implementation of reports and data sets that will improve student learning and success in school.
- Allocate 25% of the grant budget for professional learning activities related to the use of specific reports to improve teaching, learning, and the delivery of services to students.
- Collaborate with CEPI and Intermediate School Districts (ISDs) to ensure system interoperability by creating common formats of data elements shared at the federal, state, and district levels.
- Collaborate with CEPI and ISDs to ensure that there is vertical integration between the state and local DSS implemented by ISDs and Local Education Agencies (LEAs), ensuring that the district has access to assessment and program participation of newly enrolled students so that they receive speedy access to appropriate instruction and services.
- Collaborate with CEPI and other state agencies to connect and combine Single Record Student Database (SRSD) data to enable the calculation of a four-year cohort graduation and dropout rate that tracks individual students instead of estimations.
- Work with CEPI, the MDE, ISDs, LEAs, and Public School Academies (PSAs), to revise existing educational personnel data systems to support the collection and reporting to ensure that highly qualified teachers are in classrooms, as required by NCLB.
- Provide educators and educational stakeholders with access to high quality, timely data and use that data effectively for classroom decision-making and the allocation of resources across schools/facilities and districts for the purpose of improving teaching, learning, and educational policy.
- To the extent possible, provide tools that will enable educators to use assessment results to inform and differentiate instruction for every child.
- Provide professional learning to school and district teams to make appropriate decisions and instructional interventions using data.
- Provide professional learning to school and district teams regarding the appropriate use and protection of student data within guidelines of the Family Educational Rights and Privacy Act guidelines.
- Agree to make presentations to selected educational stakeholders demonstrating how data can be used to drive decisions that positively impact student achievement and success.

ELIGIBLE APPLICANTS/TARGET POPULATION TO BE SERVED BY GRANT

Eligible applicants for federal funds are those defined in federal legislation as (1) being among those LEAs with the highest numbers or percentages of children from families with incomes below the poverty line AND serving one or more schools identified for improvement or corrective action under section 1116 of the No Child Left Behind legislation or (2) being an eligible local partnership. Emphasis and priority will be placed on eligible schools not making adequate yearly progress and designated as a high priority school.

TOTAL FUNDS AVAILABLE

Approximately \$1,500,000 in competitive funds are available from the No Child Left Behind Act of 2001, Title II, Part D.

OFFICE ADMINISTERING GRANT/PROGRAM CONTACT

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